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(54) Title: **PI3K ANTAGONISTS AS RADIOSENSITIZERS**

(57) **Abstract:** A method for increasing radiosensitivity of a target tissue in a subject via administration of a PI3K antagonist to a target tissue in a subject. Also provided are methods for suppressing tumor growth and for inhibiting tumor blood vessel growth via administration of a PI3K antagonist.

WO 2004/016211 A2